

3-9-87

Analyses Required

**PHYSICAL & GENERAL INORGANICS AND
ION CHROMATOGRAPH**Project Name: Asarco Tailings Shelter Project Code: HWD-046EF Account Code: NSGB10PH58**Matrix Codes** (circle one only)

- 10 Water-Total
11 Water-Dissolved
40 Sediment/Soil
45 Semi-Solid/Sludge
46 Sediment for EP Toxicity
70 Tissue
80 Oil/Solvent
00 Other

Sample NumbersAnaly/Comp
Init/Date**Physical & General
Inorganics WG (10)**

| | |
|------------------|---------|
| Turbidity | TURB |
| pH (Lab) | pH |
| Conductivity | COND |
| Total Alkalinity | T ALK |
| Total Hardness | T HARD |
| Bicarbonate | HCO3 |
| Calcium | Ca |
| Carbonate | CO3 |
| Chloride | Cl |
| Fluoride | F |
| Sulfate | SO4-TOT |
| Sulfide | S |
| Cyanide | CN |
| Acidity | Acidity |
| Hardness | CaCO3 |
| Color | Color |

Asbestos %/Type X

Ion Chromatograph WG (80)

| | |
|-------------------|---------|
| Calcium | Ca |
| Chloride | Cl |
| Cyanide | CN |
| Fluoride | F |
| Magnesium | Mg |
| Potassium | K |
| Sodium | Na |
| Sulfate | SO4 |
| Nitrate | NO3 |
| Nitrite | NO2 |
| Ortho Phosphorous | O-Phos. |

Save samples after analysis? NONE, SOME or ALL. (If SOME, circle sample numbers.)

Special detection limits and comments:

136375

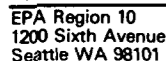
Project Officer Signature

USEPA SF



1108982

Date



☐ Enforcement/Custody

Miscellaneous: Susan Davis

Sampling Crew: RFWwhite

Project Code: HND 046 BE Account: NSG 810 P458

☒ Possible Toxic/Hazardous

Name/Location Asarco Tacoma Smelter

☐ **Data Confidential**

Proj. Off.: Carb/Thompson Tel.# 2709

☐ **Date for Storet**

Recorder: R.F. White
(Signatures Required)

[illegible]

Attn. Susan Davis

| LAB NUMBER | | | DEPTH | Units | Type | COL MTD CD | QA CODE | TEMP DEG C | pH | CNDCTVTY umho/cm | COMPOSITE ONLY | | | | | CONDITION OF SAMPLES UPON RECEIPT AT LAB: | | | |
|--------------------|----|-----|-------|-------|------|------------|---------|------------|----|------------------|----------------|------------------------------|--|--|----------------------------------|--|--|-------------------------|--|
| Yr | Wk | Seq | | | | | | | | | ENDING DATE | | | Type | Freq | CUSTODY SEALS INTACT: <input type="checkbox"/> yes <input type="checkbox"/> no | | CHAIN OF CUSTODY RECORD | |
| | | | | | | | | | | | | RELINQUISHED BY: (Signature) | | | | RECEIVED BY: (Signature) | | DATE/TIME | |
| | | | | | | | | | | | | RELINQUISHED BY: (Signature) | | RECEIVED BY: (Signature) | | DATE/TIME | | | |
| | | | | | | | | | | | | RELINQUISHED BY: (Signature) | | RECEIVED BY: (Signature) | | DATE/TIME | | | |
| | | | | | | | | | | | | RELINQUISHED BY: (Signature) | | RECEIVED BY: (Signature) | | DATE/TIME | | | |
| | | | | | | | | | | | | RELINQUISHED BY: (Signature) | | RECEIVED BY MOBILE LAB FOR FIELD ANALYSIS: (Signature) | | DATE/TIME | | | |
| | | | | | | | | | | | | DISPATCHED BY: (Signature) | | DATE/TIME | RECEIVED FOR LAB BY: (Signature) | DATE/TIME | | | |
| METHOD OF SHIPMENT | | | | | | | | | | | | | | | | | | | |